

## MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

ENFORCER PRODUCTS, INC. P. O. BOX 1060 CARTERSVILLE, GA. 30120	MANUFACTURER'S PHONE NUMBER: (770) 386-0801 24 HOUR EMERGENCY NUMBER: 1-800-255-3924	HAZARD RATINGS:  HEALTH_2_ REACTIVITY_1_ FLAMMABILITY_2_ PERSONAL PROTECTION_
PRODUCT NAME: ENFORCER ANT KILL & BARRIER TREATMENT II		EPA REG. NO.: 1021-1607-40849
PREPARED BY: TRESSIE DEMPSEY		DATE: May 4, 1999

## II. INGREDIENTS

PRINCIPAL COMPONENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV	OTHER	HAZARD
D-TRANS ALLETHRIN	028057-48-9	0.05	N/D	N/D	N/D	
PERMETHRIN	052645-53-1	0.200	N/D	N/D	N/D	
MGK 264(N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE)	000113-48-4	0.25	N/D	N/D	N/D	
PETROLEUM DISTILLATE	064742-47-8	1-3	N/D	N/D	N/D	
LIQUEFIED PETROLEUM GAS	068476-85-7	5-10	1000 PPM	1000 PPM	N/D	

## III. PHYSICAL DATA

BOILING POINT: N/A	SPECIFIC GRAVITY: 0.866	VAPOR PRESSURE (mm Hg.): N/A
PERCENT VOLATILE BY VOLUME: LESS THAN 12%	VAPOR DENSITY: HEAVIER	EVAPORATION RATE (Butyl Acetate = 1): N/D
SOLUBILITY IN WATER: COMPLETELY MISCIBLE	APPEARANCE & ODOR: (AEROSOL) LIQUEFIED GASES AND LIQUID, MILD CHARACTERISTIC ODOR WITH MILKY EMULSION.	
pH: 6.9		

## IV. FIRE &amp; EXPLOSION DATA

FLASHPOINT (Method used): N/A	AUTOIGNITION TEMPERATURE: N/A	FLAMMABLE LIMITS: NOT ESTAB.
LEL: NOT ESTAB.	UEL: NOT DETERMINED	EXTINGUISHING MEDIA: CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:	FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL-PROTECTIVE CLOTHING WHEN FIGHTING FIRES THAT INVOLVE THIS PRODUCT.	
UNUSUAL FIRE & EXPLOSION HAZARDS:	CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 130°F MAY CAUSE BURSTING. COOL CONTAINERS EXPOSED TO ELEVATED TEMPERATURE WITH WATER FOG.	

## V. REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID: DO NOT EXPOSE TO ELEVATED (ABOVE 130°F) TEMPERATURES.
INCOMPATABILITY (Materials to avoid):	AVOID CONTACT WITH STRONG ACIDS, ALKALIES OR OXIDIZERS.
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> WILL OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:	EXPOSURE TO FIRE WILL RESULT IN CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES AND OTHER POTENTIALLY TOXIC MATERIALS.

## VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION [X] | INGESTION | | SKIN ABSORPTION [X] | EYE [X] | NOT HAZARDOUS | |

### ACUTE EFFECTS OF OVEREXPOSURE:

INGESTION: CAN CAUSE STOMACH IRRITATION, RESULTING IN NAUSEA, CRAMPS AND VOMITING. CAN CAUSE NERVOUS SYSTEM DISORDERS, SUCH AS FATIGUE, DIZZINESS, HEADACHES, LACK OF COORDINATION, TREMORS AND UNCONSCIOUSNESS.

SKIN CONTACT: CAN BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MILD SKIN IRRITATION. CAN CAUSE A BURNING OR PRICKLING SENSATION ON MORE SENSITIVE AREAS (FACE, EYES, MOUTH). PROLONGED OR REPEATED EXPOSURE CAN CAUSE IRRITATION AND REDDENING OF THE SKIN, POSSIBLY PROGRESSING INTO DERMATITIS.

INHALATION: EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION, NAUSEA AND NERVOUS DISORDERS, SUCH AS FATIGUE, DIZZINESS, HEADACHES, LACK OF COORDINATION.

EYE CONTACT: CAN CAUSE TEMPORARY IRRITATION, TEARING AND BLURRED VISION.

CHRONIC EFFECTS OF OVEREXPOSURE: SEE ACUTE EFFECTS.

CARCINOGENICITY :	NTP? INGREDIENTS NOT ON LIST	IARC? INGREDIENTS NOT ON LIST	OSHA REGULATED?	INGREDIENTS NOT ON LIST.
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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: EXCESSIVE EXPOSURE MAY AGGRAVATE EXISTING LUNG DISEASE.

### EMERGENCY FIRST AID PROCEDURES:

INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. DO NOT ADMINISTER FLUIDS TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER. IF IRRITATION RESULTS AND PERSISTS, SEE A PHYSICIAN. WASH CLOTHING SEPARATELY BEFORE REUSE.

INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING DOES NOT RETURN TO NORMAL WITHIN A FEW MINUTES, GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION IMMEDIATELY.

**NOTE TO PHYSICIAN:** CONTAINS PYRETHROIDS AND SURFACTANTS. FOR SKIN EFFECTS, A HIGHLY EFFECTIVE THERAPEUTIC AGENT FOR PYRETHROID EXPOSURE IS TOPICAL APPLICATION OF TOCOPHEROL ACETATE, (VITAMINE E ACETATE).

## VII. CONTROL AND PROTECTIVE MEASURES

EYE PROTECTION: CHEMICAL GOGGLES RECOMMENDED.

RESPIRATORY PROTECTION (specify): USE NIOSH/MSMA OR BETTER DUST MASK.

SKIN PROTECTION: PROTECTIVE GLOVES.

VENTILATION: GENERAL EXHAUST IN AN ENCLOSED AREA.

OTHER PROTECTION: KEEP THIS AND ALL CHEMICALS AWAY FROM CHILDREN AND PETS. WASH PRODUCT FROM CLOTHES AND SKIN. USE GOOD HOUSEKEEPING PRACTICES.

## VIII. SPECIAL PRECAUTIONS

HANDLING AND STORING PROCEDURES: STORE AWAY FROM HEAT AT TEMPERATURES BETWEEN 40F AND 100F. KEEP AWAY FROM HEAT, IGNITION SOURCES AND STRONG OXIDIZERS. EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUES. CONTENTS UNDER PRESSURE DO NOT PUNCTURE OR INCINERATE. DO NOT USE NEAR HEAT OR OPEN FLAME. DO NOT CONTAMINATE WATER, FEED OR FOOD BY STORAGE, HANDLING OR DISPOSAL. READ AND OBSERVE ALL PRECAUTIONS AND INSTRUCTIONS ON THE LABEL.

RELEASE OR SPILL PROCEDURES: LARGE SPILL: THIS PRODUCT CONTAINS INGREDIENTS THAT ARE CERCLA HAZARDOUS WASTES. DIKE AND TRANSFER SPILL TO CLOSED CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS. SMALL SPILL: STOP RELEASE. DIKE OR CONTAIN RELEASE, IF POSSIBLE, AND PREVENT FURTHER DAMAGE OR DANGER. ISOLATE AND CONTROL ACCESS TO THE RELEASE AREA. TAKE ACTIONS TO REDUCE VAPORS. ABSORB WITH APPROPRIATE ABSORBENT. CLEAN SPILL AREA OF RESIDUES AND ABSORBENT.

WASTE DISPOSAL METHOD: DISPOSE OF EMPTY CONTAINER BY REPLACING CAP, WRAPPING IN NEWSPAPER AND PLACING IN TRASH WITH OTHER SANITARY WASTE. DO NOT PUNCTURE OR INCINERATE CONTAINER. DISPOSE OF LIQUID WASTE IN A HAZARDOUS WASTE FACILITY APPROVED BY FEDERAL, STATE AND LOCAL AUTHORITY.

**IX. ADDITIONAL INFORMATION**

PROPER DOT SHIPPING NAME: AEROSOLS, NON-FLAMMABLE, 2.2, UN1950, IN LIMITED QUANTITIES.

BIODEGRADABILITY: NOT BIODEGRADABLE

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTIED CONTAINER CLOSED TIGHTLY.

THIS INFORMATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

\*\*\*\*\* END OF REPORT \*\*\*\*\*